Date	NERC Region	Time	Area Affected	Type of Disturbance	Loss (megawatts)	Number of Customers Affected ¹	Restoration Date/Time
anuary	NERC Region	Time	Alea Allecteu	Distui bance	(megawatts)	Affected	
5/2009	TRE	5:00 a.m.	North and Central	Severe Storm	N/A	157,019	6:00 p.m. January
7/2009	SERC	5:00 p.m.	Texas Piedmont of North and South Carolina	High Winds	300	70,000	06 8:05 p.m. January 07
8/2009	FRCC	11:46 p.m.	Florida Keys	Transmission Equipment Failure	55	31,000	11:25 a.m. January 09
/17/2009	RFC	8:00 a.m.	PJM, Indiana	Fuel Supply	N/A	N/A	8:00 a.m. January
22/2009	RFC	4:00 p.m.	Crawfordsville,	Deficiency Shed Load	50	9,700	25 5:05 p.m. January
27/2009	RFC	5:00 a.m.	Indiana State of Kentucky	Ice Storm	N/A	383,000	22 4:30 p.m. January
7/2009	SERC	5:03 a.m.	Central and Eastern Kentrucky	Ice Storm	600	190,000	29 5:15 p.m. January 31
27/2009	SERC	7:10 a.m.	Western Kentucky and Southern Indiana	Ice Storm	350	3	7:30 p.m. February 04
27/2009	SERC	11:00 a.m.	South Central and Southeast Missouri	Winter Storm	200	62,500	6:00 p.m. January 30
27/2009	SERC	1:46 p.m.	Northern Arkansas	Ice Storm	N/A	111,818	5:00 p.m. February
27/2009	RFC	3:43 p.m.	CSWS-AEP West	Ice/Snow Storm	N/A	59,402	03 9:00 a.m. January
7/2009	SERC	9:00 p.m.	Northern Arkansas	Ice Storm	600	215,700	29 6:00 a.m. January 29
7/2009	SERC	9:45 p.m.	TVA Service Territory	Ice Storm	850	1	10:17 p.m. January 27
8/2009	RFC	12:10 a.m.	East Central Missouri	Winter Storm	300	1	9:20 p.m. January 30
8/2009	RFC	3:00 a.m.	Illinois, Indiana, Ohio and Kentucky	Winter Storm	N/A	230,300	8:03 a.m. February 13
28/2009	RFC	4:00 a.m.	City of Henderson, Kentucky and Portions of Henderson County, Kentucky	Ice Storm	21	3,500	5:00 p.m. February 07
28/2009	RFC	6:00 a.m.	Indiana, Evansville, Metro Area	Ice Storm	506	75,000	6:00 p.m. February 05
28/2009	RFC	7:50 a.m.	Southern Indiana	Ice/Snow Storm	N/A	53,700	8:03 a.m. February 13
28/2009	SERC	9:00 a.m.	Northeast Tennessee and Southwest Kentucky	Ice Storm	N/A	109,527	8:00 a.m. February 05
28/2009	RFC	10:00 a.m.	Northern Kentucky and Southwest Ohio		N/A	53,600	9:20 p.m. January 30
bruary							
1/2009	TRE	2:30 a.m.	Houston, Texas	High Winds	350	64,801	12:00 p.m. Februar 11
1/2009	RFC	6:00 p.m.	Kentucky, West Virginia and Ohio	Severe Thunderstorms	N/A	279,813	5:00 p.m. February 13
11/2009	RFC	6:18 p.m.	Maryland, Virginia, West Virginia and Pennsylvania	Severe Thunderstorms	N/A	374,644	8:10 p.m. February 16

Table B.2. Major Disturbances and Unusual Occurrences	. Year-to-Date through December 2009
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2/11/2009	RFC	7:00 p.m.	State of Kentucky	Severe Thunderstorms	N/A	78,000 11:00 a.m. February 12
2/11/2009	RFC	9:00 p.m.	Northern Kentucky and Southwest Ohio	Severe	350	63,000 12:00 p.m. February 12
2/12/2009	RFC	2:30 a.m.	Central and Eastern Ohio	High Winds	168	184,000 6:00 a.m. February 12
2/12/2009	RFC	8:00 a.m.	Western and North Eastern	High Winds	130	132,000 10:00 p.m. February 15
2/13/2009	RFC	2:30 a.m.	Pennsylvania Central and Eastern	High Winds	168	184,000 3:00 a.m. February
2/13/2009	МС	2.50 a.m.	Ohio	Tigir Winds	100	15
2/23/2009	NPCC	2:38 a.m.	Southern Central	Ice/Snow Storm	N/A	131,000 1:46 p.m. February
			and Western Maine			24
March						
3/1/2009	WECC	12:15 a.m.	City of El Paso,	Transmission	250	132,000 3:00 a.m. March 01
			Texas, County of El Paso	Equipment Failure		
3/1/2009	SERC	4:00 p.m.	Southern Balancing	Severe Weather	75	60,000 11:25 p.m. March
			Area			01
3/1/2009	SERC	8:54 p.m.	Duke Energy	Ice/Snow Storm	1,000	180,000 4:06 p.m. March 03
			Carolinas Balance			
			Authority			
3/1/2009	SERC	10:00 p.m.	Central Virginia -	Winter Storm	210	217,000 6:00 p.m. March 03
			Spotsylvania			
			County			
3/3/2009	RFC	6:48 a.m.	Southwest	Transformer	378	N/A 6:05 a.m. April 26
			Michigan	Faulted/Unit		
				Tripped		

Table B.2. Major Disturbances and Unusual Occurrences, Year-to-Date through December 2009

Date	NERC Region	Time	Area Affected	Type of Disturbance	Loss (megawatts)	Customers Affected ¹	Restoration Date/Time
3/3/2009	REC	10:00 p.m.	Roanoke, Virginia	Made Public	350	0	8:17 p.m. March 04
3/8/2009	WECC	10:16 p.m.	San Francisco Bay Area, California	Appeals Unit Shut Down	150	-	11:45 p.m. March 08
April							
4/6/2009	RFC	1:00 a.m.	Michigan, Lower	Winter Storm	75	70,793	12:00 p.m. April 08
4/10/2009	SERC	10:00 p.m.	Peninsula Alabama and Georgia	Severe Thunderstorms	162	56,679	2:30 a.m. April 11
4/23/2009	WECC	12:00 a.m.	Restricted Hydro Electric Capability	Fuel Supply Deficiency	-	-	Ongoing
4/23/2009	WECC	4:25 p.m.	Skagit County, Washington	Transmission Tripped	244	93,300	12:29 a.m. April 24
4/23/2009	WECC	5:54 p.m.	Communities of Elsinore, Hemet, Moreno Valley, Perris, San Jacinto and Temecula in the southeastern area of Riverside County in California	Substation Load Interruption	512	280,000	7:58 p.m. April 23
4/24/2009	SERC	11:09 a.m.	Ruston, Louisiana	Complete Electric System Failure	32	11,000	11:21 a.m. April 24
4/25/2009	RFC	2:30 p.m.	Western Region of Service Territory	High Winds/Rain	N/A	125,000	1:00 a.m. April 29

4/27/2009	TRE	3:30 p.m.	Greater Houston/Galveston Area	High Winds	176	158,000 11:30 a.m. April 28
May			. nou			
5/8/2009	SERC	7:30 a.m.	SW Missouri	Severe Thunderstorm	266	83,000 9:00 a.m. May 08
5/8/2009	SERC	1:30 p.m.	Southern Illinois	Severe Thunderstorm	300	68,800 11:20 p.m. May 14
5/29/2009	SERC	9:05 a.m.	Henderson County, Kentucky	Transmission Equipment Failure	342	1 7:57 p.m. May 29
June						
6/5/2009	WECC	1:38 p.m.	East of Fresno California	Electrical System Separation	1	70 8:18 p.m. June 05
6/9/2009	RFC	5:25 p.m.	Central Maryland	Severe Thunderstorms	60	85,091 5:00 a.m. June 11
6/10/2009	TRE	6:00 p.m.	North and Central Texas	Severe Storms	N/A	800,000 10:00 a.m. June 14
6/12/2009	SERC	4:37 p.m.	Chattanooga, Tennessee	Severe Storm	860	136,000 6:53 p.m. June 12
6/12/2009	SERC	5:45 p.m.	Arkansas, North Mississippi	Severe Thunderstorms	N/A	81,645 11:59 p.m. June 15
6/12/2009	SERC	10:00 p.m.	Georgia	Severe Thunderstorm	290	102,000 6:00 p.m. June 13
6/16/2009	WECC	11:00 p.m.	A.D. Edmonston Pumping Plant	Fuel Supply Deficiency	300	0 2:00 a.m. June 17
6/19/2009	RFC	12:01 a.m.	Michigan Lower Peninsula	Severe Storm	75	99,000 11:00 p.m. June 21
6/19/2009	SERC	1:00 p.m.	The Entire ComEd Service Territory	Severe Storm	N/A	245,000 11:59 p.m. June 19
6/24/2009	SERC	1:30 p.m.	Southwest	Made Public	N/A	N/A 10:00 p.m. June 24
6/25/2009	TRE	3:16 p.m.	Louisiana ERCOT Region	Appeals Made Public	N/A	N/A 7:00 p.m. June 25
6/25/2009	RFC	3:30 p.m.	Western Region of Service Territory	Appeals High Winds/Rain	N/A	118,000 8:00 p.m. June 28
6/26/2009	RFC	1:00 a.m.	Southwest Ohio, Northern Kentudky, Central and Southern Indiana	Severe Thunderstorms	327	85,000 9:00 a.m. June 27
6/26/2009	NPCC	5:00 p.m.	Central Connecticut	Severe Thunderstorms	N/A	50,752 9:00 a.m. June 29
July						
7/2/2009	NPCC	10:44 p.m.	Northern Maine	Electrical System Separation	0	0 1:25 a.m. July 03
7/7/2009	TRE	3:30 p.m.	San Antonio, Texas	Made Public Appeals	N/A	N/A 7:00 p.m. July 07
7/8/2009	TRE	1:30 p.m.	ERCOT Region	Made Public Appeals	N/A	N/A 7:00 p.m. July 08
7/14/2009	SPP	1:00 p.m.	AEP SWEPCO/Louisian a Area	Made Public	N/A	N/A 6:00 p.m. July 14

Table B.2. Major Disturbances and Unusual Occurrences, Year-to-Date through December 2009

Date	NERC Region	Time	Area Affected	Type of Disturbance	Loss (megawatts)	Number of Customers Affected [1]	Restoration Date/Time
7/15/2009	SPP	1:00 p.m.	AEP SWEPCO/Louisian a Area	Made Public Appeals	N/A	N/A	6:00 p.m. July 15

SWEPCOLUME 718/2009SWEPCOLUME TABESWEPCOLUME 700 pan.SWEPCOLUME FARMA Houston Gaves Family remains Houston Gaves CounterySWEPCOLUME Family remains Family remains F							
718/2009 TRI 7.00 p.m. Honstor Galvestor Handestorms 51 7.000 9.00 p.m. July in the intervence of the indestorm of the index o	7/16/2009	SPP	1:00 p.m.			N/A	N/A 6:00 p.m. July 16
7202009 WECC 9:50 p.m. Merro Benev Indiana Severe Severe Severe and Angabes Severe Thundestorm 150 86:085 7:00 p.n. July: (Marchard) 721/2009 WECC 5:34 a.m. San Francisco Iby Area, California Unit Tripped 136 18:43 a.m. July : (Marchard) 727/2009 SERC 5:45 a.m. Chutanoogh, Tennessee Failure of Computer Marchard Califor N/A N/A 5:47 a.m. July : (Marchard) 728/2009 WECC 8:18 p.m. Sahl Lake City Utak and Notation Loss of Pan of and Notation 316 N/A 8:33 p.m. July : (Marchard) 84/2009 WEC 2:17 a.m. Chetter, Participation Highwinds N/A 70:2761 H99 p.m. Aug Marchard 84/2009 RFC 1:45 p.m. Souther to the south Indiana Trandenstorms 50 63:700 9:00 p.m. Aug Marchard 84/2009 RFC 1:45 p.m. Souther to the south Indiana YiA N/A 7:00 p.m. Aug Marchard South South Indiana N/A N/A 7:00 p.m. Aug Marchard 8/20209 RFC 7:31 p.m. Weatern Region of Parinska and South South South South South South South South South Trandenstorms <td>7/18/2009</td> <td>TRE</td> <td>7:00 p.m.</td> <td>Houston/Galveston</td> <td>Thunderstorms</td> <td>51</td> <td>73,000 9:00 p.m. July 19</td>	7/18/2009	TRE	7:00 p.m.	Houston/Galveston	Thunderstorms	51	73,000 9:00 p.m. July 19
Area, California7/27/2009SERC505 a.m.Chatmoogan, TennesseeFailure of VarioN/AN/AN/A 547 a.m. Jaly 27/28/2009WECC8.18 p.m.ash Lake City UtahLoss of Part of And Northern Utah316N/A 8.33 p.m. Jaly 2AugustIfghvindsN/AN/A70.264 139 p.m. Augu Delware, Pilladelphin and Back Counties, PornsyvaniaIfghvindsN/A70.264 139 p.m. Augu August84/2009RFC1.45 p.m.Northern Kenncky, TonderstormsTonderstorms5063.700 940 p.m. Augu Arren Science, Pornsyvania85/2009TRE3.00 p.m.EECOT Region Service PartorMade PublicN/AN/AN/A 70.00 p.m. Augu Arren's87/2009RFC1100 p.m.EECOT Region Service PartorMade PublicN/AN/A137.000 1000 p.m. Augu Arren's87/2009RFC7.31 p.m.Michigan, Lonver Service ArasMichigan, Lonver HoustonMinderstorms49173.000 1000 p.m. Augu Arren's8/20209RFC7.31 p.m.Michigan, Lonver Service ArasEmoderstorms49173.000 1000 a.m. Augu Arren's8/20209RFC10.03 n.m.Western Sconth Electrical SystemService Aras49173.000 1000 n.m. Augu Arren's8/20209RFC10.93 n.m.Western Sconth Electrical SystemService Aras49173.000 1000 n.m. Augu Arren's8/20209RFC10.93 n.m.Western Sconth Electrical SystemSer	7/20/2009	WECC	9:50 p.m.	Metro Denver (Jefferson, Adams, and Arapahoe		150	86,058 7:00 p.m. July 22
TennesseHardware Used for Monitoring7/28/2009WECC8.18 p.m.Sah Lake City Unb and Northern UtbLoss of Part of Substation3.16N/A 8.33 p.m. July in MonitoringArguest8/22009RIC2.17 a.m.Chester, Monitoparery, Delaware, PeniasyoniaHighwindsN/A70.2641.09 p.m. Auge Monitoparery, Delaware, Peniasyonia8/42009RIC1.45 p.m.Northern With Southwest Ohio and Central and South Central and South Central and South Restrict and South 	7/21/2009	WECC	5:34 a.m.		Unit Tripped	136	1 8:43 a.m. July 21
August Junction Junction August Statistion Northogenery, Delaware, Philadelphia and Bucks Counties, Delaware, Philadelphia and Scoth Indiama Soft All Statistics, Philadelphia and South Statistics, Philadelphia and Cerent and South Scoth Bucks, Turnor, Scote Scote, All Scote, Araa SouthScote, Scote, Scote, Scote, Scote, Scote, Scote, Scote, All Scote, Araa <	7/27/2009	SERC	5:05 a.m.	-	Hardware Used for	N/A	N/A 5:47 a.m. July 27
8/22009 RFC 2:17 a.m. Chester, Montgomery, Deliware, Prinkdelphia and Bucks Counies, Pennsyvania Highwinds N/A 70.264 1:09 p.m. Augu Montgomery, Prinkdelphia and Bucks Counies, Pennsyvania 8/4/2009 RFC 1:45 p.m. Northern Kentucky, Southwest Oblo and Central and South Infaina So 63,700 9:00 p.m. Augu Southwest Oblo and Central and South Infaina 8/5/2009 TRE 3:00 p.m. ERCOT Region Made Public N/A N/A N/A 7:00 p.m. Augu Appeals 8/7/2009 RFC 11:30 p.m. Western Region of Higb Winds and N/A 58,155 9:59 a.m. Augu Penisula Thunderstorms 491 73,000 10:00 p.m. Augu Service Area 8/2/2009 RFC 7:31 p.m. Michigan, Lover Servere N/A 58,155 9:59 a.m. Augu Service Area 8/2/2009 TRE 6:25 p.m. South Houston Thunderstorms 491 73,000 10:00 a.m. Augu Service Area 8/2/2009 MRO 11:00 a.m. Western South Electrical System 373 18 2:01 p.m. Augu Dakota 8/29/2009 MRC 10:31 a.m. City of Los Made Public N/A 0.10:31 a.m. Augu Dakota Separation 84 0.11:35 p.m. Augu Separation 10	7/28/2009	WECC	8:18 p.m.	-		316	N/A 8:33 p.m. July 28
Mongyonery, Piladscipina and Bucks Counties, PennsyvaiaSo6.3,7009.00 p.m. Aug84/2009RFC1-45 p.m.Northern Kenncky, IndianaSo6.3,7009.00 p.m. Aug85/2009TKE3.00 p.m.ERCOT RegionMade Public ArgetakN/AN/AN/A7.00 p.m. Aug87/2009RFC11.00 p.m.ERCOT RegionMade Public KainN/A137,00010.00 p.m. Aug87/2009RFC7.31 p.m.Meisgan, LowerN/A58,1569.59 a.m. Aug89/2009TKE6.25 p.m.South Foston South FostonThunderstorms Thunderstorms49173,00010.00 a.m. Aug81/2009TRE7.30 p.m.Heisgan, LowerN/A58,1569.59 a.m. Aug82/2009TRE7.00 p.m.Hooston HoostonThunderstorms54480,000800 a.m. Aug82/2009TRE7.00 p.m.Hooston DalotaThunderstorms54480,000800 a.m. Aug82/2009RFC10.54 p.m.Western SouthElectrical System373182.01 p.m. Aug82/2009RFC10.54 p.m.Caterna SouthElectrical System373182.01 p.m. Aug82/2009RFC10.54 p.m.Caterna MeisganA312.00 p.m. Cet 099312009WECC6.30 p.m.Central Valley, CATransmissionN/A75,000 11.00 p.m. Cet 0910/02009KEC10.31 a.m.Central Valley, CATransmissionN/A	August						
Southwest Othio and Central and South Indiana8/5/2009TRE3.00 p.m.ERCOT RegionMade PublicN/AN/AN/A 7.00 p.m. Aug Appeals8/7/2009RPC11:00 p.m.Western Region of High Winds and Service TerritoryN/A137,00010:00 p.m. Aug 118/7/2009RPC7.31 p.m.Michigan, Lower Service TerritoryServiceN/A58,1569.59 a.m. Augu 118/7/2009RFC7.31 p.m.Michigan, Lower Service AreaService AreaN/A58,1569.59 a.m. Augu 118/21/2009TRE6.25 p.m.South Houston Service AreaThunderstorms49173,00010:00 a.m. Aug 128/21/2009TRE7.00 p.m.Houston Metropolitan DakotaThunderstorms54480,0008:00 a.m. Augu 128/29/2009MRO11:00 a.m.Western South DakotaElectrical System373182:01 p.m. Aug 298/29/2009RFC10:54 p.m.Western South DakotaElectrical System84011:53 p.m. Aug 298/29/2009RFC10:54 p.m.City of Los Aude PublicN/AN/A1:00 n.m. Cu 11010/2009WECC6:30 p.m.Central Valley, CA ItominaTransmission180N/A 7:10 p.m. Oct 0910:9/2009SERC10:45 p.m.Arkansas and North WontringN/A56,000 4:00 n.m. Oct 1310:13/2009WECC10:45 p.m.Arkansas and North WontringN/A56,000 4:0	8/2/2009	RFC	2:17 a.m.	Montgomery, Delaware, Philadelphia and Bucks Counties,	Highwinds	N/A	70,264 1:09 p.m. August 03
Arrow AppealsAppeals High Winds and Region of High Winds and Region of High Winds and Region of High Winds and Region of 	8/4/2009	RFC	1:45 p.m.	Southwest Ohio and Central and South		50	63,700 9:00 p.m. August 08
V7/2009RFC11:00 p.m.Western Region of Service Territory RainHigh Winds and RainN/A137,00010:00 p.m. Aug 	8/5/2009	TRE	3:00 p.m.	ERCOT Region		N/A	N/A 7:00 p.m. August 05
PeninsulaThunderstorms49173.00010:00 a.m. Aug/12/2009TRE6.25 p.m.South HoustonThunderstorms49173.00010:00 a.m. Aug/21/2009TRE7.00 p.m.HoustonThunderstorms54480,0008:00 a.m. Augu/21/2009TRE7.00 p.m.HoustonThunderstorms54480,0008:00 a.m. Augu/29/2009MRO11:00 a.m.Western SouthElectrical System37318 2:01 p.m. Augu/29/2009RFC10:54 p.m.Western SouthElectrical System84011:53 p.m. Augu/29/2009WECC10:31 a.m.City of Los Angeles, CaliforniaMade PublicN/AN/A12:00 a.m. Augu/21/2009WECC6:30 p.m.Central Valley, CA (Bakersfield, CA)Severe StormsN/A75.00011:00 p.m. Octo 090/9/2009WECC10:45 p.m.Arkansa and NorthWinter StormN/A56.000400 p.m. Octo 110/13/2009WECC10:45 p.m.Arkansa and NorthWinter StormN/A56.000400 p.m. Octo 130/13/2009WECC12:48 p.m.SoutheasternIce10135.5002:34 p.m. Octo 130/13/2009WECC10:45 p.m.Arkansa and NorthWinter StormN/A150130/13/2009WECC10:45 p.m.SautheasternIce10135.5002:34 p.m. Octo 130/13/2009WECC10:45 p.m.SautheasternIce <td< td=""><td>8/7/2009</td><td>RFC</td><td>11:00 p.m.</td><td>-</td><td>High Winds and</td><td>N/A</td><td>137,000 10:00 p.m. August 11</td></td<>	8/7/2009	RFC	11:00 p.m.	-	High Winds and	N/A	137,000 10:00 p.m. August 11
W122009TRE6.25 p.m. South HoustonSouth Houston ThunderstormsHouston Service AreaThunderstormsHouston 	8/9/2009	RFC	7:31 p.m.	-		N/A	58,156 9:59 a.m. August 10
Y212009TRE7:00 p.m.Houston Metropolitan Service AreaThunderstorms54480,0008:00 a.m. Augu Metropolitan Service AreaY292009MRO11:00 a.m.Service Area DakotaElectrical System Separation373182:01 p.m. Augu 29Y292009RFC10:54 p.m.Western South DakotaElectrical System Separation84011:53 p.m. Aug 29Y312009WECC10:31 a.m.City of Los Angeles, California Angeles, CaliforniaMade Public AppealsN/AN/A12:00 a.m. Aug 29V72009RFC5:45 a.m.Southeast Michigan (Bakersfield, CA)Severe StormsN/A75:00011:00 p.m. Oct 090/92009WECC6:30 p.m.Central Valley, CA (Bakersfield, CA)Transmission System Interruption180N/A71:0 p.m. Octo 090/92009SERC10:45 p.m.Arkansas and North Louisiana 0/13/2009Winter StormN/A56,0004:00 p.m. Octo 130/13/2009WECC12:48 p.m.Southeastern SoutheasternIce10135:5002:34 p.m. Octo 130/13/2009WECC3:45 p.m.Sacramento County High Winds and Rain350859,55113 10:30 p.m. Oct 13Orla2009WECC4:00 p.m.Northern California RainHigh Winds and Rain350859,55113 10:30 p.m. Oct 13Orla2009WECC6:45 p.m.Southeastern Northeastern NorthTropical Storm Ida40035:0	8/12/2009	TRE	6:25 p.m.	South Houston		491	73,000 10:00 a.m. August
MRO11:00 a.m.Western South DakotaElectrical System Separation37318 2:01 p.m. Augu 2:01 p.m. Augu 3:11 p.m.	3/21/2009	TRE	7:00 p.m.	Houston Metropolitan	Thunderstorms	544	80,000 8:00 a.m. August 22
V31/2009WECC10:31 a.m.City of Los Angeles, CaliforniaMade Public AppealsN/AN/A12:00 a.m. Aug 31OctoberU07/2009RFC5:45 a.m.Southeast MichiganSevere StormsN/A75,00011:00 p.m. Octo 	8/29/2009	MRO	11:00 a.m.	Western South		373	18 2:01 p.m. August 29
Angeles, CaliforniaAppeals31DetoberImage: Sever StormsN/A75,00011:00 p.m. Oct10/7/2009RFC5:45 a.m.Southeast MichiganSevere StormsN/A75,00011:00 p.m. Oct10/9/2009WECC6:30 p.m.Central Valley, CA (Bakersfield, CA)Transmission System Interruption180N/A7:10 p.m. Octo10/9/2009SERC10:45 p.m.Arkansas and North (Bakersfield, CA)Winter StormN/A56,0004:00 p.m. Octo 1110/13/2009WECC12:48 p.m.Southeastern WyomingIce10135,5002:34 p.m. Octo 1310/13/2009WECC3:45 p.m.Sacramento County WyomingHigh Winds9094,0005:50 p.m. Octo 1310/13/2009WECC4:00 p.m.Northern California RinHigh Winds and Rain350859,55410:30 p.m. Oct 1310/13/2009WECC4:00 p.m.Northern California RinHigh Winds and Rin350859,55410:30 p.m. Oct 1310/13/2009WECC4:00 p.m.Northern California RinHigh Winds and Rin350859,55410:30 p.m. Oct 1311/12/2009SERC6:45 p.m.Southeastern Virginia, Northeastern NorthTropical Storm Ida400335,0004:25 a.m. November 14	8/29/2009	RFC	10:54 p.m.		-	84	0 11:53 p.m. August 29
10/7/2009RFC5:45 a.m.Southeast MichiganSevere StormsN/A75,00011:00 p.m. Oct 0910/9/2009WECC6:30 p.m.Central Valley, CA (Bakersfield, CA)Transmission System Interruption180N/A7:10 p.m. Octo 0910/9/2009SERC10:45 p.m.Arkansas and North LouisianaWinter StormN/A56,0004:00 p.m. Octo 1110/13/2009WECC12:48 p.m.Southeastern VyomingIce10135,5002:34 p.m. Octo 1310/13/2009WECC3:45 p.m.Sacramento County High WindsHigh Winds9094,0005:50 p.m. Octo 1310/13/2009WECC4:00 p.m.Northern California RainHigh Winds and Rain350859,55410:30 p.m. Octo 1310/13/2009WECC4:00 p.m.Northern California Virginia, Northeastern NorthTropical Storm Ida400335,0004:25 a.m. November 14	8/31/2009	WECC	10:31 a.m.			N/A	N/A 12:00 a.m. August 31
0/9/2009WECC6:30 p.m.Central Valley, CA (Bakersfield, CA)Transmission System Interruption180N/A90 7:10 p.m. Octo 	October						
0/9/2009WECC6:30 p.m.Central Valley, CA (Bakersfield, CA)Transmission180N/A7:10 p.m. Octo 090/9/2009SERC10:45 p.m.Arkansas and North LouisianaWinter StormN/A56,0004:00 p.m. Octo 110/13/2009WECC12:48 p.m.Southeastern WyomingIce10135,5002:34 p.m. Octo 130/13/2009WECC3:45 p.m.Southeastern WyomingIce10135,5005:50 p.m. Octo 130/13/2009WECC4:00 p.m.Northern California RainHigh Winds and Rain350859,55410:30 p.m. Octo 130/13/2009WECC4:00 p.m.Northern California Virginia, Northeastern NorthTropical Storm Ida400335,0004:25 a.m. November 14	0/7/2009	RFC	5:45 a.m.	Southeast Michigan	Severe Storms	N/A	75,000 11:00 p.m. October 09
Louisiana110/13/2009WECC12:48 p.m.Southeastern WyomingIce10135,5002:34 p.m. Octo 130/13/2009WECC3:45 p.m.Sacramento County Worthern California 	0/9/2009	WECC	6:30 p.m.			180	N/A 7:10 p.m. October
0/13/2009 WECC 12:48 p.m. Southeastern Wyoming Ice 101 35,500 2:34 p.m. Octo 13 0/13/2009 WECC 3:45 p.m. Sacramento County High Winds 90 94,000 5:50 p.m. Octo 13 0/13/2009 WECC 4:00 p.m. Northern California High Winds and 250 859,554 10:30 p.m. Octo 13 0/13/2009 WECC 4:00 p.m. Northern California High Winds and 250 859,554 10:30 p.m. Octo 13 November 11 12:48 p.m. Southeastern Virginia, Northeastern North Tropical Storm Ida 400 3350,000 4:25 a.m. November 14	0/9/2009	SERC	10:45 p.m.		Winter Storm	N/A	56,000 4:00 p.m. October
0/13/2009 WECC 3:45 p.m. Sacramento County High Winds 90 94,000 5:50 p.m. Octo 0/13/2009 WECC 4:00 p.m. Northern California High Winds and 350 859,554 10:30 p.m. Octo 13 November 13 1/12/2009 SERC 6:45 p.m. Southeastern Virginia, Northeastern North Tropical Storm Ida 400 335,000 4:25 a.m. November 14	0/13/2009	WECC	12:48 p.m.	Southeastern	Ice	101	35,500 2:34 p.m. October 13
0/13/2009 WECC 4:00 p.m. Northern California High Winds and Rain 350 859,554 10:30 p.m. Oct 13 November 1/12/2009 SERC 6:45 p.m. Southeastern Virginia, Northeastern North Tropical Storm Ida 400 335,000 4:25 a.m. November 14	0/13/2009	WECC	3:45 p.m.		High Winds	90	94,000 5:50 p.m. October
11/12/2009 SERC 6:45 p.m. Southeastern Tropical Storm Ida 400 335,000 4:25 a.m. Virginia, November 14 Northeastern North	0/13/2009	WECC	4:00 p.m.	Northern California	-	350	859,554 10:30 p.m. October
Virginia, November 14 Northeastern North							
Carolina	11/12/2009	SERC	6:45 p.m.	Virginia,	Tropical Storm Ida	400	

11/18/2009	WECC	6:15 a.m.	Central Valley, CA	Switching Failure	630	N/A 10:00 a.m. November 18
December						
12/7/2009	WECC	10:00 p.m.	California	Forced Outage Equipment Failure	400	N/A 4:00 a.m. December 08
12/8/2009	WECC	1:00 a.m.	Arizona	Severe Weather	N/A	140,000 11:00 a.m. December 10
12/8/2009	WECC	6:34 a.m.	California	Load Shed/Made Public Appeals	N/A	N/A 12:00 p.m. December 08
12/9/2009	RFC	1:37 p.m.	Ohio	Severe Weather	N/A	48,102 6:30 a.m. December 10
12/10/2009	RFC	5:45 p.m.	Michigan	Severe Weather	N/A	65,562 8:00 a.m. December 12
12/18/2009	RFC	8:00 p.m.	West Virginia, Kentucky, Ohio	Severe Weather	N/A	403,913 9:30 p.m. December 25
12/18/2009	SERC	10:55 p.m.	Western North Carolina	Severe Weather	N/A	47,000 11:15 p.m. December 19

[1] Estimated values.

Note: Estimates for 2009 are preliminary. Source: Form OE-417, "Electric Emergency Incident and Disturbance Report."